

CI PowerLift X

Liquid-to-Powder Stain Remover — Oil, Grease, Silicone & BBQ Stains on Porous Surfaces

HEALTH 1

FIRE 0

REACTIVITY 0

GHS07 ■ Skin Sens. 1

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product name:	CI PowerLift X
Use of substance/mixture:	Liquid-to-powder stain remover for oil, grease, silicone, and BBQ stains on porous and vertical surfaces
Product code:	CI-PLX-20L
Company:	Chem International (a division of Aliysha Enterprises Ltd.) 10770-180 Street NW, Edmonton, AB T5S 2S4
Telephone:	1-800-665-7287
Website:	chemintonline.com
Contact:	Technical Department
Emergency number:	CHEMTREC: 1-800-424-9300

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS/WHMIS classification: Skin Sensitization Category 1 — H317

2.2. Label Elements

Signal word:	WARNING
Hazard statements:	H317 — May cause an allergic skin reaction.
Precautionary statements:	P261 — Avoid breathing spray. P272 — Contaminated work clothing must not be allowed out of the workplace. P280 — Wear eye protection, protective clothing, and protective gloves. P302+P352 — If on skin: wash with plenty of soap and water. P333+P313 — If skin irritation or rash occurs: seek medical attention. P363 — Wash contaminated clothing before reuse. P501 — Dispose of contents and container in accordance with local, provincial, and federal regulations.

2.3. Other Hazards

Other hazards: No additional information available.

2.4. Unknown Acute Toxicity

Unknown acute toxicity: Not applicable.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substances

Substances: Not applicable — mixture.

3.2. Mixtures

Name	Product Identifier	%	GHS-CA Classification
C7-21 Alcohols Ethoxylated (Surfactant)	CAS 68991-48-0	1–5	Skin Irrit. 2, H315 Eye Irrit. 2A, H319
d-Limonene (Cleansing Agent / Fragrance)	CAS 5989-27-5	0.1–1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304

All hazardous chemicals as determined by WHMIS/HPA have been listed. A specific chemical identity and/or percentage of composition has been withheld as a trade secret. Any concentration shown as a range is to protect confidentiality or is due to batch variation.

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

General:	If you feel unwell, seek medical advice. Show the label where possible.
After inhalation:	Remove person to fresh air.
After skin contact:	Remove contaminated clothing and wash before reuse. Wash skin thoroughly with soap and water. If irritation or rash develops, seek medical attention.
After eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
After ingestion:	Rinse mouth with water. Do NOT induce vomiting. Seek medical attention if symptoms persist.

4.2. Most Important Symptoms and Effects

General:	Not expected to present a significant hazard under normal use conditions.
Inhalation:	None under normal use.
Skin contact:	May cause an allergic skin reaction.
Eye contact:	Direct contact likely to be irritating.
Ingestion:	Gastrointestinal complaints. Diarrhoea. Cramps. Headache. Vomiting.

4.3. Immediate Medical Attention

Treatment:	Treat symptomatically.
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SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing Media

Suitable media:	All extinguishing media permitted.
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5.2. Special Hazards Arising from the Substance or Mixture

Reactivity:	Thermal decomposition may produce oxides of carbon and nitrogen, hydrogen chloride, methyl chloride.
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5.3. Advice for Firefighters

Firefighting instructions:	Exercise caution when fighting any chemical fire. Use water spray or fog to cool exposed containers. Account for environmentally hazardous firefighting water.
Protection:	Do not enter fire area without proper protective equipment, including respiratory protection.

CI PowerLift X — Safety Data Sheet (continued)

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1. Personal Precautions, Protective Equipment and Emergency Procedures****General measures:** Isolate from ignition sources if possible without unnecessary risk.**6.1.1. For Non-Emergency Personnel****Protective equipment:** Protective goggles. Gloves. Protective clothing.**Emergency procedures:** Evacuate unnecessary personnel. Avoid skin, eye, and clothing contact. Ventilate spillage area.**6.1.2. For Emergency Responders****Protective equipment:** Equip cleanup crew with proper protection.**Emergency procedures:** Stop leak if safe. Stop release. Ventilate area.**6.2. Environmental Precautions****Environmental:** Avoid release to the environment. Prevent entry to sewers and public waters.**6.3. Methods and Materials for Containment and Cleanup****Containment:** Contain released product; collect into suitable containers.**Cleanup:** Material and container must be disposed of safely and in accordance with local legislation.**SECTION 7: HANDLING AND STORAGE****7.1. Precautions for Safe Handling****Safe handling:** Comply with legal requirements. Read all safety precautions before use. Use appropriate PPE. Do not eat, drink, or smoke when using this product. Do not get in eyes, on skin, or on clothing. Handle and open containers with care.**Hygiene:** Wash thoroughly after handling. Contaminated work clothing must not leave the workplace.**7.2. Conditions for Safe Storage****Storage conditions:** Store in original container in a cool, well-ventilated area.**Incompatible products:** Strong oxidizers.**Special packaging requirements:** Comply with applicable regulations.**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION****8.1. Control Parameters****d-Limonene (5989-27-5):** No applicable occupational exposure limits established.**C7-21 Alcohols Ethoxylated (68991-48-0):** No applicable occupational exposure limits established.

8.2. Exposure Controls

Personal protective equipment: Use appropriate PPE when risk assessment indicates necessity. • Safety glasses or goggles • Chemical-resistant gloves • Protective clothing

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Appearance:	Opaque, off-white liquid
Odour:	Citrus scent
Odour threshold:	No data available
pH:	9–10
Melting / Freezing point:	No data available
Flash point:	> 200°F (93°C)
Flammability:	No data available
Vapour pressure:	No data available
Density:	1.07 g/mL
Solubility:	Soluble in water
VOC content:	< 1%
Viscosity:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available

CI PowerLift X — Safety Data Sheet (continued)

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity:	Thermal decomposition may produce oxides of carbon and nitrogen, hydrogen chloride, methyl chloride.
10.2. Chemical stability:	Stable under normal conditions.
10.3. Hazardous reactions:	See Section 10.1.
10.4. Conditions to avoid:	No additional information available.
10.5. Incompatible materials:	Oxidizing agents.
10.6. Hazardous decomposition products:	Under normal storage and use conditions, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute toxicity: Not classified.

d-Limonene (5989-27-5)

LD50 oral (rat)	> 2000 mg/kg bodyweight (OECD 423)
LD50 dermal (rabbit)	> 5000 mg/kg bodyweight (OECD 402, 24h)

Skin corrosion/irritation: Not classified. pH 9–10.

Eye damage/irritation: Not classified. pH 9–10.

Respiratory/skin sensitization: May cause an allergic skin reaction.

Germ cell mutagenicity: Not classified.

Carcinogenicity: Not classified. d-Limonene: IARC Group 3 — not classifiable.

Reproductive toxicity: Not classified.

STOT — single exposure: Not classified.

STOT — repeated exposure: Not classified.

Aspiration hazard: Not classified.

Symptoms Summary

Inhalation: None under normal use.

Skin contact: May cause an allergic skin reaction.

Eye contact: Direct contact likely to be irritating.

Ingestion: Gastrointestinal complaints, diarrhoea, cramps, headache, vomiting.

Likely routes of exposure: Skin and eye contact.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity — d-Limonene (5989-27-5)

LC50 Fish [1]:	720 µg/L (OECD 203, 96h, Pimephales promelas, flow-through, fresh water)
EC50 Crustacea [1]:	0.307 mg/L (OECD 202, 48h, Daphnia magna, semi-static, fresh water)
LC50 Fish [2]:	702 µg/L — Pimephales promelas
EC50 Crustacea [2]:	0.51 mg/L — Daphnia magna

12.2. Persistence and Degradability

d-Limonene:	Readily biodegradable in water. ThOD: 3.29 g O ₂ /g substance.
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12.3. Bioaccumulative Potential

BCF Fish:	864.8 L/kg (BCFBAF v3.01, QSAR)
Log Pow:	4.38 — Potential for bioaccumulation ($4 \leq \text{Log Kow} \leq 5$).

CI PowerLift X — Safety Data Sheet (continued)

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Product/packaging disposal: Dispose in a safe manner in accordance with local, provincial, and federal regulations.

SECTION 14: TRANSPORT INFORMATION

Transport Canada (TDG)

TDG classification: Not regulated for transport.

DOT (US)

DOT classification: Not regulated for transport.

Air Transport (IATA)

IATA UN-No.: Not regulated for transport.

Transport by Sea (IMO/IMDG)

IMDG: No additional information available.

SECTION 15: REGULATORY INFORMATION

15.1. Canadian Federal Regulations (CEPA / WHMIS)

WHMIS 2015: This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all information required.

CEPA DSL status: All components are listed or exempt from the Domestic Substances List (DSL).

15.2. US Federal Regulations

TSCA status: All components are present and listed as Active on the US EPA Toxic Substances Control Act (TSCA) inventory.

TSCA 12(b) export: Contains chemical(s) subject to TSCA 12(b) export notification if shipped outside the US: Methylchloroisothiazolinone CAS 26172-55-4

SARA 313: This product is not known to contain toxic chemicals in excess of applicable de minimis concentrations per 40 CFR §372.38(a).

California Prop. 65: This product does not contain substances known to the state of California to cause cancer or reproductive harm.

SECTION 16: OTHER INFORMATION

Prepared by: Chem International — Technical Department

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Training advice: Normal use of this product shall imply use in accordance with the instructions on the label and SDS.

NFPA	Rating	HMIS	Rating
Health Hazard	1	Health	1
Fire Hazard	0	Flammability	0
Reactivity	0	Reactivity	0
Special	—	Protection	B

DISCLAIMER: This information is based on Chem International's current knowledge and is intended to describe the product for health, safety, and environmental purposes only. It should not be construed as guaranteeing any specific property of the product. No warranty, expressed or implied, is made regarding the accuracy of this data or results obtained from its use. Chem International assumes no responsibility for personal injury or property damage caused by this material. Users assume all risks associated with use of this product. Various regulatory authorities may have requirements regarding transport, handling, storage, use, or disposal not covered by this SDS. The user is responsible for full compliance.

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